**EAST Search History**

**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--------------|-----|------------------|---------|------------|
| S1 | 1 | "6479782" | US-PGPUB; USPAT | AND | ON | 2009/06/03 14:55 |
| S2 | 67 | 279/152 | US-PGPUB; USPAT | AND | ON | 2009/06/03 15:41 |
| S3 | 114 | 279/156 | US-PGPUB; USPAT | AND | ON | 2009/06/03 15:49 |
| S4 | 11 | "4657454" | US-PGPUB; USPAT | AND | ON | 2009/06/03 15:51 |
| S5 | 11 | "5028178" | US-PGPUB; USPAT | AND | ON | 2009/06/03 15:57 |
| S6 | 3 | "5329841" | US-PGPUB; USPAT | AND | ON | 2009/06/03 16:04 |
| S7 | 9 | "6260858" | US-PGPUB; USPAT | AND | ON | 2009/06/03 16:08 |
| S8 | 10 | "6260858" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 16:08 |
| S9 | 3 | "0972603" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 16:14 |
| S10 | 18 | "972603" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 16:15 |
| S11 | 5 | "02051571" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 16:58 |
| S12 | 3854388 | collet and coolant supply | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 17:23 |
| S13 | 4319388 | coolant supply duct | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 17:30 |

| S14 | 42368 | collet | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 17:31 |
| S15 | 9411 | S13 and S14 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 17:31 |
| S16 | 3799951 | rotatable work chuck | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 17:31 |
| S17 | 924622 | S16 and S13 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 17:31 |
| S18 | 8640 | slot maximum width "0.3" mm | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/06/04 09:01 |
| S19 | 42386 | collet | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/04 09:13 |
| S20 | 126 | S18 and S19 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/06/04 09:13 |
| S21 | 0 | "7182558" method mak$3 (bush or bushing) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/06/04 09:17 |
| S22 | 71889 | method mak$3 (bush or bushing) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/06/04 09:17 |
| S23 | 4 | "7182558" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/06/04 09:17 |

| S24 | 0 | S22 and S23 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/06/04 09:17 |
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| S25 | 230621 | spark (erode or erasion or eroded) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/04 09:20 |
| S26 | 0 | S23 and S25 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/04 09:20 |
| S27 | 320881 | spark (erode or erosion or eroded) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/04 09:21 |
| S28 | 0 | S27 and S23 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/04 09:21 |
| S29 | 35994 | S27 and slot | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/04 09:24 |
| S30 | 7048 | slot maximum width "0.6" mm | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/06/04 09:24 |
| S31 | 975 | S29 and S30 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/06/04 09:24 |
| S32 | 17 | S19 and S31 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/06/04 09:24 |
| S33 | 45 | 279/43.1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/06/04 09:26 |

| S34 | 0 | S33 and S30 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/06/04 09:26 |
| S35 | 7067889 | slot maximum width "0.6" mm | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/04 09:26 |
| S36 | 31 | S35 and S33 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/04 09:27 |
| S37 | 67 | 279/152 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/04 09:29 |
| S38 | 44 | S37 and S35 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/04 09:29 |
| S39 | 170 | 279/140 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/04 09:45 |
| S40 | 98 | 279/141 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/04 09:46 |
| S41 | 56 | 279/142 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/04 09:46 |
| S42 | 67 | 279/152 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/04 09:46 |
| S43 | 52 | 279/153 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/04 09:46 |

| S44 | 21 | 279/154 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/04 09:46 |
| S45 | 75 | 279/155 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/04 09:46 |
| S46 | 114 | 279/156 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/04 09:46 |
| S47 | 71 | S46 and S35 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/04 09:47 |
| S48 | 44 | S45 and S35 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/04 09:48 |
| S49 | 191571 | spark (erode or erosion or eroded)and S39 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/04 09:54 |
| S50 | 2018787 | slot or hole and S27 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/04 09:55 |
| S51 | 85 | S50 and S39 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/04 09:55 |
| S52 | 46 | S50 and S40 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/04 09:56 |
| S53 | 93390 | (slot or hole) and S27 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/04 09:57 |

| S54 | 0 | S53 and S39 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/04 09:57 |
|-----|---|-------------|----------------------------------------------------------|----|----|-------------------|
| S55 | 0 | S53 and S40 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/04 09:57 |
| S56 | 0 | S53 and S43 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/04 09:57 |
| S57 | 3001 | (slot or hole) and S27 and (chuck or collet) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/04 09:58 |
| S58 | 2600 | S57 and S35 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/04 09:58 |
| S59 | 11 | ("4721423" \| "4809426" \| "4856177" \| "5311654" \| "5378091" \| "6060694" \| "6216335" \| "6488285" \| "6938903").PN. OR ("7182558").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2009/06/04 12:02 |
| S60 | 13 | ("2295111" \| "3052013" \| "3562702" \| "3975609" \| "4345138" \| "4862920" \| "4941508" \| "4983803").PN. OR ("5329841").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2009/06/04 14:36 |
| S61 | 19 | ("2012826" \| "2277816" \| "2557301" \| "2608414" \| "3889962").PN. OR ("5028178").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2009/06/04 14:37 |
| S62 | 10 | ("2608414" \| "3539193" \| "5028178" \| "5311654" \| "5378091" \| "5904451" \| "5975817").PN. OR ("6746023").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2009/06/04 15:07 |
| S63 | 9 | ("3539193").URPN. | USPAT | AND | ON | 2009/06/04 15:18 |

| S64 | 14 | ("2829899" \| "4021051" \| "4379667").PN. OR ("4657454").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2009/06/04 15:26 |
|---|---|---|---|---|---|---|
| S65 | 7 | "2695787" | US-PGPUB; USPAT | AND | ON | 2009/12/07 15:27 |
| S66 | 6 | ("2695787").URPN. | USPAT | OR | OFF | 2009/12/07 16:06 |
| S67 | 32 | ("1470158" \| "1561843" \| "20060091618" \| "2695787" \| "2982557" \| "3701537" \| "3941363" \| "4106745" \| "4196897" \| "4380939" \| "4432559" \| "4564995" \| "4599769" \| "4709847" \| "4730819" \| "5025690" \| "5347866" \| "5429376" \| "5613692" \| "5680801" \| "5997010" \| "6224067" \| "6352496" \| "6497417" \| "6575030" \| "6771090" \| "6782779" \| "RE37397").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/07 16:08 |
| S68 | 3 | "7182558" | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/07 16:18 |
| S69 | 11 | ("4721423" \| "4809426" \| "4856177" \| "5311654" \| "5378091" \| "6060694" \| "6216335" \| "6488285" \| "6938903").PN. OR ("7182558").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/07 16:20 |
| S70 | 172 | 279/140 | US-PGPUB; USPAT | AND | ON | 2009/12/09 14:03 |
| S71 | 99 | 279/141 | US-PGPUB; USPAT | AND | ON | 2009/12/09 14:14 |
| S72 | 61 | 279/142 | US-PGPUB; USPAT | AND | ON | 2009/12/09 14:19 |
| S73 | 198 | 279/145 | US-PGPUB; USPAT | AND | ON | 2009/12/09 14:22 |
| S75 | 68 | 279/152 | US-PGPUB; USPAT | AND | ON | 2009/12/09 14:36 |
| S76 | 52 | 279/153 | US-PGPUB; USPAT | AND | ON | 2009/12/09 14:39 |
| S77 | 21 | 279/154 | US-PGPUB; USPAT | AND | ON | 2009/12/09 14:42 |

| S78 | 77 | 279/155 | US-PGPUB;<br>USPAT | AND | ON | 2009/12/09<br>14:43 |
|---|---|---|---|---|---|---|
| S79 | 120 | 279/156 | US-PGPUB;<br>USPAT | AND | ON | 2009/12/09<br>14:47 |
| S80 | 339 | 279/102 | US-PGPUB;<br>USPAT | AND | ON | 2009/12/09<br>14:56 |
| S81 | 248 | 279/20 | US-PGPUB;<br>USPAT | AND | ON | 2009/12/09<br>15:44 |
| S82 | 26 | 279/43.5 | US-PGPUB;<br>USPAT | AND | ON | 2009/12/09<br>16:05 |
| S83 | 19 | 279/46.5 | US-PGPUB;<br>USPAT | AND | ON | 2009/12/09<br>16:07 |
| S84 | 10 | ("2608414" \| "3539193" \| "5028178" \| "5311654" \| "5378091" \| "5904451" \| "5975817").PN. OR ("6746023").URPN. | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/12/09<br>16:38 |
| S85 | 6 | ("2695787").URPN. | USPAT | OR | OFF | 2009/12/09<br>16:41 |
| S86 | 18 | ("1346890" \| "1810275" \| "1929285" \| "2082345" \| "2407908").PN. OR ("3701537").URPN. | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/12/09<br>16:43 |
| S87 | 3 | ("2407908").URPN. | USPAT | OR | OFF | 2009/12/09<br>16:45 |
| S88 | 11 | ("4721423" \| "4809426" \| "4856177" \| "5311654" \| "5378091" \| "6060694" \| "6216335" \| "6488285" \| "6938903").PN. OR ("7182558").URPN. | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/12/09<br>16:46 |
| S89 | 9 | ("20040052598" \| "3663027" \| "3762730" \| "3989260" \| "5462293" \| "6224067" \| "6488285").PN. OR ("6938903").URPN. | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/12/09<br>16:46 |
| S90 | 19 | ("1225209" \| "20020122702" \| "3865502" \| "4011791" \| "4076444" \| "5030043" \| "5141370" \| "5516243" \| "5957634" \| "6171033" \| "6179530").PN. OR ("6558089").URPN. | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/12/09<br>16:49 |

| S91 | 18 | ("1765362" \| "2576350" \| "3411796" \| "4175898" \| "4810139" \| "5067861").PN. OR ("5403132").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/09 16:50 |
|-----|----|----|----|----|----|----|
| S92 | 18 | ("3411796").URPN. | USPAT | OR | OFF | 2009/12/09 16:52 |
| S93 | 18 | ("20040057804" \| "20050019119" \| "2042081" \| "3726352" \| "3794438" \| "4171656" \| "4197042" \| "4353670" \| "4533285" \| "4610285" \| "4611959" \| "4693641" \| "5071295" \| "5265988" \| "5914895" \| "5915895" \| "6595729").PN. OR ("7131798").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/09 16:58 |
| S94 | 13 | ("1252335" \| "2098675" \| "2141786" \| "2778650" \| "3425705").PN. OR ("5383673").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/09 16:59 |
| S95 | 20 | ("2609209" \| "3035845" \| "3332693" \| "3365204" \| "3451686" \| "3726532" \| "3905609" \| "4377292" \| "4387906" \| "4699388" \| "4817972" \| "5405220" \| "5567093" \| "6209886" \| "6923451").PN. OR ("7261302").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/09 17:00 |
| S96 | 10 | ("3035845" \| "3727930").PN. OR ("4699388").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/09 17:03 |
| S97 | 18 | ("1765362" \| "2576350" \| "3411796" \| "4175898" \| "4810139" \| "5067861").PN. OR ("5403132").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/10 09:04 |
| S98 | 18 | ("3411796").URPN. | USPAT | OR | OFF | 2009/12/10 09:07 |

| S99 | 13 | ("1369632" \| "2270420" \| "2885210" \| "3096989" \| "3411796").PN. OR ("3595592").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/10 09:09 |
|---|---|---|---|---|---|---|
| S100 | 18 | ("3411796").URPN. | USPAT | OR | OFF | 2009/12/10 09:19 |
| S101 | 18 | ("20040057804" \| "20050019119" \| "2042081" \| "3726352" \| "3794438" \| "4171656" \| "4197042" \| "4353670" \| "4533285" \| "4610285" \| "4611959" \| "4693641" \| "5071295" \| "5265988" \| "5914895" \| "5915895" \| "6595729").PN. OR ("7131798").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/10 09:20 |
| S102 | 2 | "7261302" | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/10 09:25 |
| S103 | 20 | ("2609209" \| "3035845" \| "3332693" \| "3365204" \| "3451686" \| "3726532" \| "3905609" \| "4377292" \| "4387906" \| "4699388" \| "4817972" \| "5405220" \| "5567093" \| "6209886" \| "6923451").PN. OR ("7261302").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/10 09:25 |
| S104 | 10 | ("3035845" \| "3727930").PN. OR ("4699388").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/10 09:30 |
| S105 | 11 | "0014502" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/12/10 09:35 |
| S106 | 13 | ("1252335" \| "2098675" \| "2141786" \| "2778650" \| "3425705").PN. OR ("5383673").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/10 09:41 |

| S107 | 11 | ("4721423" \| "4809426" \| "4856177" \| "5311654" \| "5378091" \| "6060694" \| "6216335" \| "6488285" \| "6938903").PN. OR ("7182558").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/10 09:42 |
|---|---|---|---|---|---|---|
| S108 | 19 | ("1225209" \| "20020122702" \| "3865502" \| "4011791" \| "4076444" \| "5030043" \| "5141370" \| "5516243" \| "5957634" \| "6171033" \| "6179530").PN. OR ("6558089").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/10 09:54 |
| S109 | 18 | ("20040057804" \| "20050019119" \| "2042081" \| "3726352" \| "3794438" \| "4171656" \| "4197042" \| "4353670" \| "4533285" \| "4610285" \| "4611959" \| "4693641" \| "5071295" \| "5265988" \| "5914895" \| "5915895" \| "6595729").PN. OR ("7131798").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/10 09:56 |
| S110 | 21 | ("3397013" \| "3752515" \| "4201421" \| "4327947" \| "4346934" \| "4484783" \| "4489986").PN. OR ("4575156").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/10 09:58 |
| S111 | 95 | ("0630176" \| "1044299" \| "1348434" \| "1871839" \| "20030213354" \| "20040051370" \| "20060006727" \| "20060279134" \| "2353561" \| "2800302" \| "3143177" \| "3171666" \| "3320575" \| "3339944" \| "3521342" \| "3527120" \| "3537539" \| "3541882" \| "3622206" \| "3652130" \| "3690728" \| "3717209" \| "3767266" \| "3771612" \| "3807776" \| "3841708" \| | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/10 10:00 |

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|---|---|---|---|---|---|---|
| | | "3865437" \| "3957385" \| "3976340" \| "3980325" \| "4014395" \| "4049297" \| "4084856" \| "4229025" \| "4239318" \| "4240677" \| "4247150" \| "4323727" \| "4337980" \| "4349050" \| "4367053" \| "4478299" \| "4484783" \| "4505058" \| "4561698" \| "4575156" \| "4575456" \| "4616948" \| "4700790" \| "4712811" \| "4728153" \| "4733987" \| "4763956" \| "4772139" \| "4813808" \| "4828327" \| "4836614" \| "4850649" \| "4915455" \| "4932689" \| "4944560" \| "4979911" \| "5011229" \| "5088797" \| "5106166" \| "5302005" \| "5354068" \| "5450657" \| "5725283" \| "5816627" \| "5931542" \| "6095713" \| "6357832" \| "6361243" \| "6585327" \| "6623084" \| "6648514" \| "7118181" \| "7300114" \| "7380889").PN. OR ("7618098").URPN. | | | | |
| S112 | 121 | 29/898.054 | US-PGPUB; USPAT | AND | ON | 2009/12/10 11:33 |
| S113 | 8 | "6179530" | US-PGPUB; USPAT | AND | ON | 2009/12/10 11:47 |
| S114 | 5 | "5711538" | US-PGPUB; USPAT | AND | ON | 2009/12/10 11:48 |
| S115 | 1 | "6666461" | US-PGPUB; USPAT | AND | ON | 2009/12/10 11:49 |
| S116 | 56 | 29/898.055 | US-PGPUB; USPAT | AND | ON | 2009/12/10 13:36 |
| S117 | 24 | ("1158862" \| "1331961" \| "1460515" \| "1652468" \| "3099030" \| "3188679" \| "4125637" \| "4393563" \| "4774749" \| "4932097").PN. OR ("5319851").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/10 13:43 |

| S118 | 15 | ("2608751" \| "2851314" \| "3781073" \| "4491429" \| "4667943" \| "4744677" \| "4809960" \| "5261748" \| "5328160" \| "5593233" \| "5820115" \| "6485180" \| "6702467").PN. OR ("6997614").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/10 13:47 |
|---|---|---|---|---|---|---|
| S119 | 18 | "4575156" | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/10 13:49 |
| S120 | 21 | ("3397013" \| "3752515" \| "4201421" \| "4327947" \| "4346934" \| "4484783" \| "4489986").PN. OR ("4575156").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/10 13:52 |
| S121 | 3 | "5997010" | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/10 14:15 |
| S122 | 19 | ("2373592" \| "3434730" \| "3437342" \| "3659863" \| "3900913" \| "4032162" \| "4042162" \| "4094521" \| "4296658" \| "4432559" \| "4566705" \| "4791841" \| "5002291" \| "5613692").PN. OR ("5997010").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/10 14:19 |
| S123 | 19 | ("1875484" \| "2402353" \| "2477891" \| "3471160" \| "4762030" \| "4862773" \| "5095779" \| "5182973" \| "5438891" \| "5795110" \| "5819611" \| "5882151" \| "5997010").PN. OR ("6401573").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/10 14:20 |
| S124 | 19 | ("2373592" \| "3434730" \| "3437342" \| "3659863" \| "3900913" \| "4032162" \| "4042162" \| "4094521" \| "4296658" \| "4432559" \| "4566705" \| "4791841" \| "5002291" \| "5613692").PN. OR ("5997010").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/10 14:23 |
| S125 | 9 | "2407908" | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/10 14:26 |

| S126 | 4 | "1810275" | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/10 14:33 |
| S127 | 1 | ("1810275").URPN. | USPAT | OR | OFF | 2009/12/10 14:36 |
| S128 | 71 | "3009747" | USPAT | OR | OFF | 2009/12/10 14:39 |
| S129 | 3 | "5997010" | US-PGPUB; USPAT | AND | ON | 2009/12/14 13:31 |
| S130 | 0 | "5997010" and coolant | US-PGPUB; USPAT | AND | ON | 2009/12/14 14:59 |
| S131 | 0 | "5997010" and liquid | US-PGPUB; USPAT | AND | ON | 2009/12/14 15:00 |

**12/18/2009 4:41:05 PM**
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